

JUL 12 2004

OFFICIAL**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 09/359,648
Filing Date: July 26, 1999
Applicant: Kirk K. CHANG et al.
Group Art Unit: 2684
Examiner: Cumming, William D.
Title: MAXIMUM LIKELIHOOD AND BAYESIAN
ESTIMATION FOR CDMA MOBILE UNIT LOCATION
Attorney Docket: 29250-000253/US

MAIL STOP AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

July 12, 2004 (Monday)

SECOND AMENDMENT AFTER FINAL

Sir:

In response to the Office Action mailed March 12, 2004, the date for response having been extended one (1) month to July 12, 2004, the following remarks are respectfully submitted in connection with the above-identified application.

Current Listing of Pending Claims begin on page 2 of this Amendment.

Remarks begin on page 13 of this Amendment.

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HARNES, DICKEY & PIERCE, P.L.C.

JUL 12 2004

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Examiner William Cumming

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FROM:

John A. Castellano, Reg No 35,094

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COMMENTS:

Submitted for Filing in US Appl. No. 09/359,648
filed 7/26/1999 Chang et al.Transmittal
Fee Transmittal (in triplicate)
Second Rule 116 Amendment

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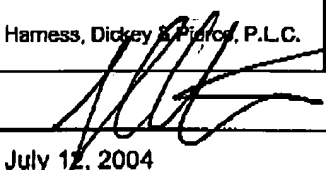
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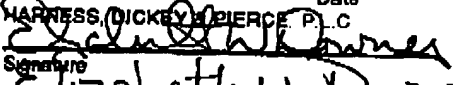
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/359,648	
	Filing Date	July 26, 1999	
	Inventor(s)	Kirk K. CHANG et al.	
	Group Art Unit	2684	
	Examiner Name	Cumming, William D.	
		Attorney Docket Number	29250-000253/US

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Second Amendment <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Letter to the Official Draftsperson and _____ Sheets of Formal Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> LETTER SUBMITTING APPEAL BRIEF AND APPEAL BRIEF (w/clean version of pending claims) <input type="checkbox"/> Appeal Communication to Group (Notice of Appeal, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks MAIL STOP AF		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm or Individual name	Harness, Dickey & Pierce, P.L.C.	Attorney Name	John A. Castellano
Reg. No.	35,094		
Signature			
Date	July 12, 2004		

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**FEE TRANSMITTAL
for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** 110**Complete if Known**

Application Number	09/359,648
Filing Date	July 28, 1999
First Named Inventor	Kirk K. CHANG et al.
Examiner Name	Cumming, William D.
Art Unit	2684
Attorney Docket No.	29260-000253/US

METHOD OF PAYMENT (check off that apply)☐ Check ☐ Credit card ☐ Money ☐ Other ☐ None☒ Deposit Account:Deposit
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FEE CALCULATION**1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1)

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2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1201	20	2201	10	Claims in excess of 20	
1202	40	2202	20	Independent claims in excess of 3	
1203	145	2203	72	Multiple dependent claim, if not paid	
1204	43	2204	21	Reissue independent claims over original patent	
1205	43	2205	21	Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2)

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FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	2053	65	Non-English specification	
1812	2,520	2812	1,260	For filing a request for reexamination	
1804	920*	2804	460*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	2805	920*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	110
1252	420	2252	210	Extension for reply within second month	
1253	850	2253	425	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	2451	755	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	2460	65	Petitions to the Commissioner	
1807	50	2807	25	Processing fee under 37 CFR 1.17 (a)	
1808	180	2808	90	Submission of Information Disclosure Sheet	
8021	40	2021	20	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	2802	450	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$110)

SUBMITTED BY

Name (Print/Type)	John A. Castles	Registration No. (Attorney/Agent)	35,094
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Complete (if applicable)

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Date	July 12, 2004

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